

**VIBRATING SYSTEM AND METHOD FOR USE IN SAND CONTROL AND  
FORMATION STIMULATION IN OIL AND GAS RECOVERY OPERATIONS**

**Abstract**

A system and method for stimulating a formation penetrated by a wellbore and vibrating a device for supporting a gravel pack in the wellbore, according to which the build up of scale on the device is sensed and a corresponding signal is output. A tool is lowered into the wellbore, and includes a driver for driving an acoustic transducer coupled to the device for vibrating the device and stimulating the formation.